

# CSE 350 Theory of Computation: Honors

## HW 6

Due: April 2, 2008

1. Problem **1.46**, parts **a**, **c**, and **d**. (*2 points each*)
2. Problem **1.55**, parts **c**, **e**, **f**, **g**, **h**, **i**, and **j**. (*4 points total*)  
(these are the parts for which there is no answer in the book)
3. Problem **1.54**. (*Extra credit: 2 points for part a, 1 point for part b, 1 point for part c*)

If you want to see some examples of the pumping lemma, please look at the solution of problems 1.29 parts a and c, and 1.46 part b.

Note: this hw is due on Wednesday 4/2, but if you turn it in by Monday, you can get it back graded by Tuesday (considering that the midterm is on Wednesday).